

## Refine Search

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### Search Results -

| Terms   | Documents |
|---|-----------|
| L10 and (nanoparticle or nanometer or nanomicron) | 11        |

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**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
**US OCR Full-Text Database**  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L11

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### Search History

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**DATE:** Friday, June 01, 2007    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

**Set Name** **Query**

side by side

*DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

|   | <b>Hit Count</b> | <b>Set Name</b> | <b>result set</b> |
|---|------------------|-----------------|-------------------|
| <u>L11</u> L10 and (nanoparticle or nanometer or nanomicron)                      | 11               | <u>L11</u>      |                   |
| <u>L10</u> L8 and ((polydispersity near index) or polydispersity or distribution) | 20               | <u>L10</u>      |                   |
| <u>L9</u> L7 and (polymodal or bimodal or trimodal)                               | 0                | <u>L9</u>       |                   |
| <u>L8</u> L7 and (crosslink\$2)   | 21               | <u>L8</u>       |                   |
| <u>L7</u> L6 and ((di-block) or diblock)  | 58               | <u>L7</u>       |                   |
| <u>L6</u> (mono-block) or monoblock   | 3452             | <u>L6</u>       |                   |
| <u>L5</u> L2 and (polymodal or bimodal or trimodal)                               | 0                | <u>L5</u>       |                   |
| <u>L4</u> L2 and (mono-block)   | 0                | <u>L4</u>       |                   |
| <u>L3</u> L2 and (diblock or (di-block))  | 0                | <u>L3</u>       |                   |
| <u>L2</u> (5905116 or 5994468 or 6191217 or 6204354 or 6255372).pn.               | 10               | <u>L2</u>       |                   |
| <u>L1</u> 10791049  | 0                | <u>L1</u>       |                   |

END OF SEARCH HISTORY

## Hit List

|               |       |                     |       |          |           |
|---------------|-------|---------------------|-------|----------|-----------|
| First Hit     | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS |       |                     |       |          |           |

Search Results - Record(s) 1 through 11 of 11 returned.

1. Document ID: US 20070027264 A1

L11: Entry 1 of 11

File: PGPB

Feb 1, 2007

PGPUB-DOCUMENT-NUMBER: 20070027264  
PGPUB-FILING-TYPE: us-original-publication-amended  
DOCUMENT-IDENTIFIER: US 20070027264 A1

TITLE: Multi-Layer Nano-Particle Preparation and Applications

PUBLICATION-DATE: February 1, 2007

INVENTOR-INFORMATION:

| NAME            | CITY    | STATE | COUNTRY |
|-----------------|---------|-------|---------|
| Wang; Xiaorong  | Hudson  | OH    | US      |
| Foltz; Victor J | Akron   | OH    | US      |
| Krom; James     | Belmont | MA    | US      |

US-CL-CURRENT: 525/314; 525/313, 525/332.2, 525/332.9

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

2. Document ID: US 20060173130 A1

L11: Entry 2 of 11

File: PGPB

Aug 3, 2006

PGPUB-DOCUMENT-NUMBER: 20060173130  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20060173130 A1

TITLE: Polymer nano-particle with polar core and method for manufacturing same

PUBLICATION-DATE: August 3, 2006

INVENTOR-INFORMATION:

| NAME                 | CITY         | STATE | COUNTRY |
|----------------------|--------------|-------|---------|
| Wang; Xiaorong       | Hudson       | OH    | US      |
| Foltz; Victor J.     | Akron        | OH    | US      |
| Brumbaugh; Dennis R. | North Canton | OH    | US      |

US-CL-CURRENT: 525/63

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                       |                          |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|-----------------------|--------------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Sequences</a> | <a href="#">Attachments</a> | <a href="#">Claims</a> | <a href="#">KINIC</a> | <a href="#">Drawn De</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|-----------------------|--------------------------|

 3. Document ID: US 20060084722 A1

L11: Entry 3 of 11

File: PGPB

Apr 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060084722

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060084722 A1

TITLE: Self assembly of molecules to form nano-particles

PUBLICATION-DATE: April 20, 2006

## INVENTOR-INFORMATION:

| NAME                 | CITY      | STATE | COUNTRY |
|----------------------|-----------|-------|---------|
| Bohm; Georg G. A.    | Akron     | OH    | US      |
| Wang; Xiaorong       | Hudson    | OH    | US      |
| Lin; Chenchy Jeffrey | Hudson    | OH    | US      |
| Hall; James E.       | Mogadore  | OH    | US      |
| Warren; Sandra       | Massillon | OH    | US      |
| Krom; James A.       | Belmont   | MA    | US      |
| Kondo; Hajime        | Tokyo     |       | JP      |
| Morita; Koichi       | Tokyo     |       | JP      |

US-CL-CURRENT: 523/200; 525/313

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                       |                          |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|-----------------------|--------------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Sequences</a> | <a href="#">Attachments</a> | <a href="#">Claims</a> | <a href="#">KINIC</a> | <a href="#">Drawn De</a> |
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 4. Document ID: US 20060083926 A1

L11: Entry 4 of 11

File: PGPB

Apr 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060083926

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060083926 A1

TITLE: NANO-SIZED POLYMER-METAL COMPOSITES

PUBLICATION-DATE: April 20, 2006

## INVENTOR-INFORMATION:

| NAME                 | CITY     | STATE | COUNTRY |
|----------------------|----------|-------|---------|
| Wang; Xiaorong       | Hudson   | OH    | US      |
| Hall; James E.       | Mogadore | OH    | US      |
| Bohm; Georg G.A.     | Akron    | OH    | US      |
| Lin; Chenchy Jeffrey | Hudson   | OH    | US      |

US-CL-CURRENT: 428/407

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
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5. Document ID: US 20050197462 A1

L11: Entry 5 of 11

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050197462

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197462 A1

TITLE: Multi-layer nano-particle preparation and applications

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

| NAME             | CITY   | STATE | COUNTRY |
|------------------|--------|-------|---------|
| Wang, Xiaorong   | Hudson | OH    | US      |
| Foltz, Victor J. | Akron  | OH    | US      |

US-CL-CURRENT: 525/313; 525/314, 525/332.2, 525/332.9, 525/338, 525/339

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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6. Document ID: US 20050192408 A1

L11: Entry 6 of 11

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050192408

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050192408 A1

TITLE: Nano-particle preparation and applications

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

| NAME                 | CITY      | STATE | COUNTRY |
|----------------------|-----------|-------|---------|
| Wang, Xiaorong       | Hudson    | OH    | US      |
| Lin, Chenchy Jeffrey | Hudson    | OH    | US      |
| Hall, James          | Mogadore  | OH    | US      |
| Warren, Sandra       | Massillon | OH    | US      |
| Krom, James          | Belmont   | MA    | US      |
| Kondo, Hajime        | Tokyo     |       | JP      |
| Morita, Koichi       | Tokyo     |       | JP      |

US-CL-CURRENT: 525/313

|      |       |          |       |        |                |      |           |           |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|---------|

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 7. Document ID: US 20030198810 A1

L11: Entry 7 of 11

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198810

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030198810 A1

TITLE: Nano-particle preparation and applications

PUBLICATION-DATE: October 23, 2003

## INVENTOR-INFORMATION:

| NAME                 | CITY      | STATE | COUNTRY |
|----------------------|-----------|-------|---------|
| Wang, Xiaorong       | Hudson    | OH    | US      |
| Lin, Chenchy Jeffrey | Hudson    | OH    | US      |
| Hall, James          | Mogadore  | OH    | US      |
| Warren, Sandra       | Massillon | OH    | US      |
| Krom, James          | Belmont   | MA    | US      |
| Kondo, Hajime        | Tokyo     |       | JP      |
| Morita, Koichi       | Tokyo     |       | JP      |

US-CL-CURRENT: 428/401; 525/313, 525/314, 525/332.2

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|      |       |          |       |        |                |      |           |           |             |        |      |       |     |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Drawn | Def |
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 8. Document ID: US 20030149185 A1

L11: Entry 8 of 11

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149185

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149185 A1

TITLE: Multi-layer nano-particle preparation and applications

PUBLICATION-DATE: August 7, 2003

## INVENTOR-INFORMATION:

| NAME             | CITY   | STATE | COUNTRY |
|------------------|--------|-------|---------|
| Wang, Xiaorong   | Hudson | OH    | US      |
| Foltz, Victor J. | Akron  | OH    | US      |

US-CL-CURRENT: 525/313; 525/314, 525/332.2, 525/332.9

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|      |       |          |       |        |                |      |           |           |             |        |      |       |     |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Drawn | Def |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-------|-----|

9. Document ID: US 7112369 B2

L11: Entry 9 of 11

File: USPT

Sep 26, 2006

US-PAT-NO: 7112369

DOCUMENT-IDENTIFIER: US 7112369 B2

TITLE: Nano-sized polymer-metal composites

DATE-ISSUED: September 26, 2006

## PRIOR-PUBLICATION:

|                   |                |
|-------------------|----------------|
| DOC-ID            | DATE           |
| US 20060083926 A1 | April 20, 2006 |

## INVENTOR-INFORMATION:

| NAME                 | CITY     | STATE | ZIP CODE | COUNTRY |
|----------------------|----------|-------|----------|---------|
| Wang; Xiaorong       | Hudson   | OH    |          | US      |
| Hall; James E.       | Mogadore | OH    |          | US      |
| Bohm; Georg G. A.    | Akron    | OH    |          | US      |
| Lin; Chenchy Jeffrey | Hudson   | OH    |          | US      |

US-CL-CURRENT: 428/403; 427/217, 427/222, 428/407

|      |       |          |       |        |                |      |           |          |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Searcher | Attachments | Claims | KOMC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|---------|

 10. Document ID: US 6956084 B2

L11: Entry 10 of 11

File: USPT

Oct 18, 2005

US-PAT-NO: 6956084

DOCUMENT-IDENTIFIER: US 6956084 B2

TITLE: Nano-particle preparation and applications

DATE-ISSUED: October 18, 2005

## INVENTOR-INFORMATION:

| NAME                 | CITY      | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| Wang; Xiaorong       | Hudson    | OH    |          |         |
| Lin; Chenchy Jeffrey | Hudson    | OH    |          |         |
| Hall; James          | Mogadore  | OH    |          |         |
| Warren; Sandra       | Massillon | OH    |          |         |
| Krom; James          | Belmont   | MA    |          |         |
| Kondo; Hajime        | Tokyo     |       |          | JP      |
| Morita; Koichi       | Tokyo     |       |          | JP      |

US-CL-CURRENT: 525/313; 525/314, 525/332.2, 525/332.9

|      |       |          |       |        |                |      |           |          |             |        |      |         |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Searcher | Attachments | Claims | KOMC | Drawn D |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-------------|--------|------|---------|

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11. Document ID: US 6872785 B2

L11: Entry 11 of 11

File: USPT

Mar 29, 2005

US-PAT-NO: 6872785

DOCUMENT-IDENTIFIER: US 6872785 B2

TITLE: Multi-layer nano-particle preparation and applications

DATE-ISSUED: March 29, 2005

## INVENTOR-INFORMATION:

| NAME             | CITY   | STATE | ZIP CODE | COUNTRY |
|------------------|--------|-------|----------|---------|
| Wang; Xiaorong   | Hudson | OH    |          |         |
| Foltz; Victor J. | Akron  | OH    |          |         |

US-CL-CURRENT: 525/313; 525/314, 525/332.2, 525/332.9, 525/338, 525/339[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn De](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

| Terms  | Documents |
|--|-----------|
| L10 and (nanoparticle or nanometer or<br>nanomicron) | 11        |

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